

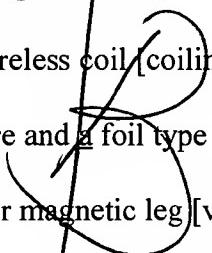
IN THE CLAIMS:

Please amend the claims as follows:

345  
38  
  
1. (Amended) A choke coil comprising:

a closing magnetic core including[:] a first magnetic core comprising a center magnetic leg, an outer magnetic leg, and a common magnetic yoke, and a second magnetic core in contact with said first magnetic core:

[an] a coreless coil [coiling] including a plate-type wire [made of] comprising at least one of a flat type wire and a foil type wire, wherein said coreless coil [being mounted to] is disposed around the center magnetic leg [via] and separated therefrom by an insulating layer [so situated to contact with said closing magnetic core, wherein]; and

  
[a terminal is] inside and outside terminals respectively coupled to [both ends] inside and outside ends of the plate-type wire of the coreless coil, wherein [and at least a] said inside terminal [coupled to an inside end] is led [out to] outside said closing magnetic core through at least one of a notch and an opening provided in at least one of [to one side of] said common magnetic [stool] yoke, of said first magnetic core, and said [closing] second magnetic core.

X2  
3. (Amended) The choke coil as defined in Claim 1, wherein said first magnetic core and

said second magnetic core of said closing magnetic core [comprising:] comprise at least one of an [a combination of] EE-shape, an EI-shape and a TU-shape [closing magnetic cores].

4. (Amended) The choke coil as defined in Claim 3, wherein said closing magnetic core [comprising:] comprises a manganese ferrite core.

*M1d*

5. (Amended) The choke coil as defined in Claim 1, wherein a magnetic gap is provided  
between said center magnetic leg of said first magnetic core and said second magnetic core [said  
closing magnetic core comprising a center magnetic leg including magnetic gap thereon].

*A3*

7. (Amended) The choke coil as defined in Claim 1, wherein said center magnetic leg of  
[the] said first magnetic core [closing magnetic core] has a cross section shaped in at least one of  
a circle, an ellipse and an oval.

*P4*

10. (Amended) The choke coil as defined in Claim 1, wherein a thickness of said  
second magnetic core [a free side of said common magnetic yoke of the closing magnetic core] is  
65-90% that of a thickness of said common magnetic yoke of said first magnetic core provided  
with at least [another side where] one of the notch and the opening [for pulling out the terminal is  
provided].

11. (Amended) The choke coil as defined in Claim 1, wherein said [coreless coil is  
housed in] insulating layer comprises at least one of a resin molded case and an insulating case.

*A5*

13. (Amended) The choke coil as defined in Claim 1, wherein said coreless coil is  
shaped in at least one of a circle, an oval and an ellipse responsive to a shape of said center  
magnetic leg [of the closing magnetic core].

15. (Amended) The choke coil as defined in Claim 1, wherein a spacer is disposed between the plate-type wire and a connecting portion of the plate type wire which is located at a connection to least one of the inner terminal and the outer terminal [coupled to each end of the coreless coil].

16. (Amended) The choke coil as defined in Claim [12] 15, wherein a distance between the end of the plate-type wire and the connecting portion [of the terminal] is slightly extended.

17. (Amended) The choke coil as defined in Claim 1, wherein the insulating layer [formed between the coreless coil and the closing magnetic core] comprises a positioning protrusion which fits into at least one of the notch and the opening provided in [to the one side of] the common magnetic yoke [of the closing magnetic core].

18. (Amended) The choke coil as defined in Claim 1, wherein the insulating layer [formed between the coreless coil and the closing magnetic core] comprises a terminal base.

19. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a base plate[,] and a cylinder, located in a center of the terminal base, wherein said cylinder engages with the center magnetic leg [of the closing magnetic core].

*S15*  
*59*

20. (Amended) The choke coil as defined in Claim 19, wherein said cylinder of the terminal base [comprises: a cylinder having] includes a thickness deviation, and wherein a guiding portion is provided at a thicker part of said cylinder [for engaging] that engages with the inner terminal of the coreless coil.

*A1*

22. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a cylinder[, and] coupled to a separate base plate, [wherein said cylinder and said base plate are independently built and then coupled together].

*A1*

23. (Amended) The choke coil as defined in Claim 18, wherein said terminal base comprises[:] a base plate having a support protrusion at each corner thereof.

*A1*

24. (Amended) The choke coil as defined in Claim 23, wherein said [support protrusions at each corner have a taper on a face into which an outer turn of the coreless coil is inserted] terminal base further comprises a cylinder engaging with the center magnetic leg, and each of said support protrusions at each corner has a taper on a face opposing the cylinder.

*A8*

26. (Amended) The choke coil as defined in Claim [17] 18, wherein [a terminal base has] the coreless coil is incorporated into said terminal base as one molding.

*sub F2*  
*M9*

29. (Amended) The choke coil as defined in Claim [28] 1, [wherein said] further comprising an insulating sheet [has an engaging part at each outside corner thereof for engaging with one of the outer magnetic leg, an insulating enclosure of] provided between the coreless coil and the closing magnetic core [, and a support protrusion for the insulating sheet to be positioned].

*A/10*

30. (Amended) The choke coil as defined in Claim 29, wherein said insulating sheet [has] includes at least one of an opening, which fits into the center magnetic leg of the closing magnetic core, and an engaging part at each outside corner thereof.

*A/11*

31. (Amended) The choke coil as defined in Claim 1, wherein the inner terminal and outer terminal each comprise [coupled to both ends of coreless coil employs] at least one of a plate-type terminal and a pin-type terminal.

*A/10*

38. (Amended) The choke coil as defined in Claim 1, wherein an insulating plate is provided beneath a bottom face of the closing magnetic core [for guiding the terminal].

*Please add the following new claim:*

*A/11*

--39. The choke coil as defined in Claim 24, wherein a bent portion disposed on the outer end of the coreless coil is engaged with an end face of one of the support protrusions.--